

5      What is claimed is:

1.      A method for transmitting video comprising:
  - (a)    defining a first average rate to transmit a first plurality of packets of said video for presentation at a receiver at a predetermined frame rate for said video;
  - 10      (b)    defining a second average rate to transmit a second plurality of packets of said video comprising a plurality of said first plurality of packets, wherein said second plurality of packets is less than said first plurality of packets, wherein said second average rate is greater than said first average rate;
  - 15      (c)    transmitting said second set of packets from a transmitter to a receiver over a wireless interconnection.
2.      The method of claim 1 wherein said second set of packets are provided to said transmitter at the maximum acceptable rate.
- 20      3.      The method of claim 1 wherein said second set of packets are provided as a burst of packets.
4.      The method of claim 1 wherein said wireless interconnection is 802.11 compliant.
- 25      5.      The method of claim 1 wherein said second set of packets is free from including packets not comprising said video.
6.      The method of claim 1 wherein said second set of packets is transmitted in a duration less than 1 second.
- 30      7.      The method of claim 1 wherein said transmitting is by an APPLICATION LAYER.

- 5           8.     A method for transmitting video comprising:
- (a)    defining a transmission rate to transmit a plurality of packets of said video wherein said transmission rate is greater than the average packet rate for transmitting said video for presentation at a receiver at a predetermined frame rate for said video;
- 10          (b)    transmitting said plurality of packets of said video over a wireless interconnection in a manner free from including packets not comprising said video.
9.     The method of claim 8 wherein said plurality of packets are provided to said
- 15           transmitter at the maximum acceptable rate.
10.    The method of claim 8 wherein said plurality of packets are provided as a burst of packets.
11.    The method of claim 8 wherein said wireless interconnection is 802.11 compliant.
- 20           12.   The method of claim 8 wherein said plurality of packets is transmitted in a duration less than 1 second.
- 25           13.   The method of claim 8 wherein said transmitting is by an APPLICATION LAYER.
14.    A method for transmitting video comprising:
- 30          (a)    transmitting a plurality of packets of said video from a transmitter at a rate is greater than the average packet rate for transmitting said video for presentation at a receiver at a predetermined frame rate for said video;
- (b)    receiving said plurality of packets at a receiver, wherein said transmitter and said receiver are interconnected by a wireless connection;

- 5           (c)     estimating the bandwidth of said interconnection between said transmitter  
              and said receiver based upon receiving said plurality of packets; and  
              (d)     modifying said rate based upon said estimation.
- 10           15.    The method of claim 14 wherein a plurality of said plurality of packets are  
              transmitted from said transmitter to said receiver.
16.    The method of claim 15 wherein said estimating said bandwidth of said  
              interconnection is based upon a plurality of said plurality of said packets.
- 15           17.    The method of claim 14 wherein said estimation is free from being based  
              upon a measure of the loss of said plurality of said packets during  
              transmission.
18.    A method of transmitting video comprising:  
20           (a)     transmitting a plurality of packets of said video by a transmitter application  
              layer from a transmitter at a rate is greater than the average packet rate for  
              transmitting said video for presentation at a receiver at a predetermined  
              frame rate for said video;  
              (b)     receiving said plurality of packets at a receiver application layer at a  
25           receiver, wherein said transmitter and said receiver are interconnected by a  
              wireless connection; and  
              (c)     estimating the bandwidth of said interconnection between said transmitter  
              and said receiver based upon receiving said plurality of packets at said  
              receiver application layer.
- 30           19.    The method of claim 18 further comprising modifying said rate based upon  
              said estimation.

- 5            20.    The method of claim 18 wherein said estimating said bandwidth of said interconnection is based upon a plurality of said plurality of said packets.
21.    The method of claim 18 wherein said estimation is free from being based upon a measure of the loss of said plurality of said packets during  
10            transmission.
22.    A method for transmitting video comprising:
- (a)    transmitting a plurality of packets of said video from a transmitter;
- (b)    receiving said plurality of packets at a receiver, wherein said transmitter and  
15            said receiver are interconnected by a wireless connection;
- (c)    estimating the bandwidth of said interconnection between said transmitter and said receiver based upon receiving a plurality of said plurality of packets;
- (d)    modifying said rate based upon said estimation; and
- 20            (e)    wherein said estimation is different if said plurality of said plurality of packets is received in a different temporal order.